

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION

11805 S.W. 26th Street, Room 208

Miami, Florida 33175–2474

T (786) 315–2590 F (786) 315–2599

http://www.miamidade.gov/economy/

MIAMI-DADE COUNTY, FLORIDA

Nan Ya Plastics Corporation USA 8989 North Loop East Suite 800 Houston, TX 77029–1217

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami–Dade County RER–Product Control Section to be used in Miami–Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION:

Series "Impact" 8Ft. P/E Outswing Glazed White PVC/Fiberglass French Door w/ Sidelites-L.M.I.

APPROVAL DOCUMENT: Drawing No. NAN0021, Series titled "Impact 8' Glazed Outswing Double Door w/ Sidelites", sheets 1 through 11 of 11, dated 05/22/09, with revision "B" dated 04/25/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E., bearing the Miami-Dade County Product Control Section revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact.

LIMITATION: 1. SinP. glazed sidelites are limited to glazing detail 3 on sheet 06 of 11.

2. SinP. glazed sidelites are limited to maximum 15%"Width by 951/4"Height.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Taipei, Taiwan, Republic of China, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 09-0312.15 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

MIAMI-DADE COUNTY
APPROVED

J. 6/25/12

NOA No. 12-0612.13 Expiration Date: July 22, 2014 Approval Date: October 04, 2012 Page 1

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
 - (Submitted under previous NOA No. 09-0312.15)
- 2. Drawing No. NAN0021, Series titled "Impact 8' Glazed Outswing Double Door w/ Sidelites", sheets 1 through 11 of 11, dated 05/22/09, with revision "B" dated 04/25/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

B. TESTS

- 1. Test report on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of Fiberglass Outswing Opaque/ Glazed Door w/wo Sidelites, prepared by Certified Testing Laboratories, Inc., Test Report No. CTLA 1908W, dated 12/30/08, signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 09-0312.15)

C. CALCULATIONS

- 1. Anchor calculations and structural analysis, complying with FBC, prepared by PTC Engineering, Inc., dated 05/27/09, signed and sealed by Paul E. Winter, P. E. (Submitted under previous NOA No. 09-0312.15)
- 2. Complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11–1102.11, issued to Solutia, Inc. for their "Saflex Clear or Color Glass Interlayers" dated 06/14/12, expiring on 05/21/16.
- 2. Notice of Acceptance No. 10-1209.01 issued to ODL, Inc. for their "ODL HP Polypropylene Series High Performance Door Lite Material Component Approval" dated 01/20/11, expiring on 01/17/16.
- 3. Test Report No. ETC-06-255-17412.1, prepared by ETC Laboratories, dated 04/25/06, re-issued on 07/10/06 to Nan Ya Plastics Corporation USA, for their Phenolic Foam Board/ ETC06013 plastic per ASTME E84-05 "Standard Test Method for Surface Burning Characteristics of Building Materials", signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 09-0312.15)

Jaime D. Gascon, P. E. Product Control Section Supervisor NOA No. 12-0612.13

Expiration Date: July 22, 2014 Approval Date: October 04, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

4. Test reports No.'s CTLA-1042W and CTLA-1042W-1, prepared by Certified Test Laboratories, Inc., dated 03/21/03, issued by Certified Test Laboratories, Inc., for their aluminum glazed ODL lite-kit doors, Air Infiltration Test, per FBC, TAS 202-94, Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94, Water Resistance Test, per FBC, TAS 202-94, Large Missile Impact Test per FBC, TAS 201-94, Cyclic Wind Pressure Loading per FBC, TAS 203-94 and Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94 and Tensile test per ASTM E8/A-370, both signed and sealed by Ramesh Patel, P. E. and Lyndon F. Schmidt, P. E.

(Submitted under previous NOA No. 09-0312.15)

5. Test Report No. ETC-05-255-17900.0, prepared by ETC Laboratories, dated 06/28/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N: ETC06013), Ignition Properties of Plastics per ASTM D1929-96, signed and sealed by Joseph L. Doldan, P. E.

(Submitted under previous NOA No. 09-0312.14)

6. Test Report No. ETC-05-255-16776.1, prepared by ETC Laboratories, dated 07/06/06, issued by Nan Ya Plastics Corporation USA, for their SMC Fiberglass material (P/N: ETC05033), 4500 exposed Xenon Arch & tensile strength per ASTM D 638-03, Tensile strength, ASTM D 638-03, Smoke density per ASTM D2843-99, Rate of burning per ASTM D 635-98, Self ignition per ASTM D1929-01, signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 09-0312.15)

7. Test Report No. ETC-05-255-16777.1, prepared by ETC Laboratories, dated 07/26/06, issued by Nan Ya Plastics Corporation USA, for their Cellular PVC (P/N: ETC05034), Standard Test Method for Ignition Properties of Plastics per ASTM D1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D635-98, Standard Test Methods for Tensile Properties of Plastics per ASTM D638-03, signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 09-0312.15)

8. Test Report No. ETC-06-255-17412.0, prepared by ETC Laboratories, dated 04/25/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N ETC06013), Standard Test Method for Surface Burning Characteristics of Building Materials per ASTM E84-05, signed and sealed by Joseph Labora Doldan P. E.

(Submitted under previous NOA No. 09-0312.15)

Jaime D. Gascon, P. E. Product Control Section Supervisor NOA No. 12-0612.13

Expiration Date: July 22, 2014 Approval Date: October 04, 2012

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

9. Test Report No. ETC-05-255-16776.0, prepared by ETC Laboratories, dated 01/04/06, issued by Nan Ya Plastics Corporation USA, for their SMC (P/N: ETC05033) Standard Test Method for Ignition Properties of Plastics per ASTM D 1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D 2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D 635-98, Standard Test Methods for Tensile Properties of Plastics per ASTM D 638-03, signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 09-0312.15)

10. Test Report No. ETC-05-255-17144.0, prepared by ETC Laboratories, dated 07/03/08, issued by Nan Ya Plastics Corporation USA, for their Rigid PVC plastic (P/N: ETC06024), Standard Test Method for Ignition Properties of Plastics per ASTM D1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D635-98, Standard Test Methods for Tensile Properties of Plastics for exposed & unexposed sample Xenon Arch after 4500 Hours, per ASTM D638-03, signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 09-0312.15)

F. STATEMENTS

- 1. Statement letter of no financial interest, conformance and complying with FBC-2010, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert James Amoruso, P. E.
- 2. Statement letter dated 09/04/2012, for standard equivalency of ASTM D635–98/03 conforming to FBC 2010 for above referenced test reports, issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.
- 3. Laboratory addendum letter for Test Report No. CTLA 1908W-1, issued by Certified Testing Laboratories, Inc., dated 05/05/09, signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 09-0312.15)

4. Laboratory compliance letters for Test Report No. CTLA-1908W, dated 12/30/08, issued by Certified Testing Laboratories, Inc., signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 09-0312.15)

Jaime D. Gascon, P. E. Product Control Section Supervisor NOA No. 12-0612.13

Expiration Date: July 22, 2014 Approval Date: October 04, 2012

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

- 5. Laboratory addendum letter for Test Report No. CTLA 1042W-1, issued by Certified Testing Laboratories, Inc., dated 03/21/03, signed and sealed by Ramesh Patel, P. E.
 - (Submitted under previous NOA No. 09-0312.15)
- 6. Laboratory compliance letters for Test Report No. CTLA-1042W, dated 03/21/03, issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E. (Submitted under previous NOA No. 09-0312.15)
- 7. Laboratory compliance letters for Test Reports No.'s ETC-06-255-17412.1, dated 02/15/08, ETC-05-255-17144.0, dated 07/03/08, ETC-05-255-16776.1, dated 07/06/06, ETC-06-255-17412.0, dated 04/25/06, ETC-05-255-16776.0, dated 01/04/06, ETC-05-255-17900.0, dated 06/28/06 and ETC-05-255-16777.1, dated 07/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E.
 - (Submitted under previous NOA No. 09-0312.15)
- 8. Proposal No. 07–3867, issued by Product Control, dated 11/27/06, signed by Ishaq Chanda, P. E.
 - (Submitted under previous NOA No. 09-0312.15)

G. OTHERS

1. Notice of Acceptance No. 09–0312.15, issued to Nan Ya Plastics Corporation USA for their "Nan Ya Series White PVC/ Fiberglass Glazed Outswing Door w/ Sidelites – L.M.I.", approved on 07/22/09 and expiring on 07/22/14.

Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-0612.13 Expiration Date: July 22, 2014

Approval Date: October 04, 2012

NAN YA PLASTICS

IMPACT 8' GLAZED OUTSWING DOUBLE DOOR W/SIDELITES INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

- 1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # CTLA 1908W (SPECIMENS MK2 AND MK3) DATED 12-30-2008 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
- (A) 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
- (A) 3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).

- 4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- (A) 5. DOOR FRAME AND PANEL MATERIAL: (FOAM PVC) FIBERGLASS PANEL FACE SHEET
 - 6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
 - 7. DESIGNATIONS "X" AND "O" STANDS FOR THE FOLLOWING: X: OPERABLE PANEL O: FIXED PANEL
 - 8. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

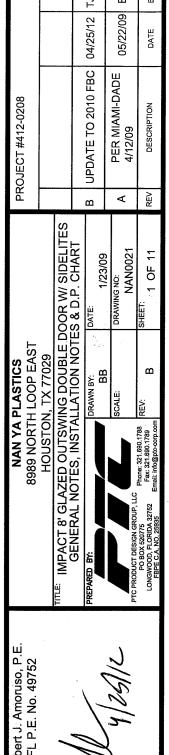
INSTALLATION NOTES:

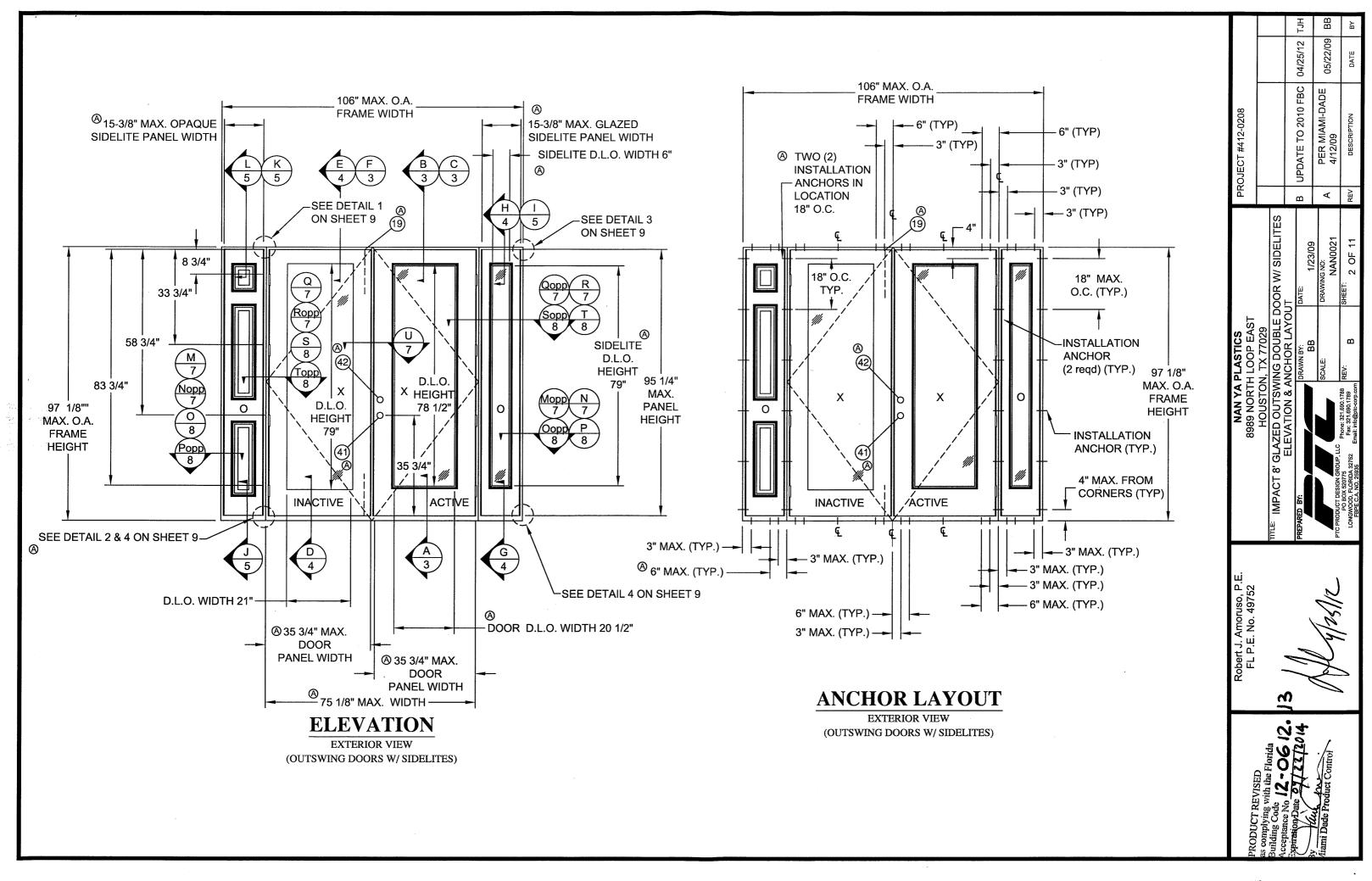
- ANCHOR LOCATION SHOWN.
- (A) 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE (A) 9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE
- (A) 3. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, EIGHT (8) #10 X 2" WOOD SCREWS ARE REQUIRED IN EACH HINGE.
- (A) 4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- (A) 5. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT, MINIMUM EDGE DISTANCE IS 7/8 INCHES. MINIMUM ANCHOR SEPARATION IS 3/4 INCH.
- (A) 6. FOR INSTALLATION THROUGH 1X BUCK TO BE PROPERLY SCREWD TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2-5/8 INCHES. MINIMUM ANCHOR SEPARATION IS 2-1/2 INCH.
- A 7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING, NOT PART OF THIS APPROVAL).

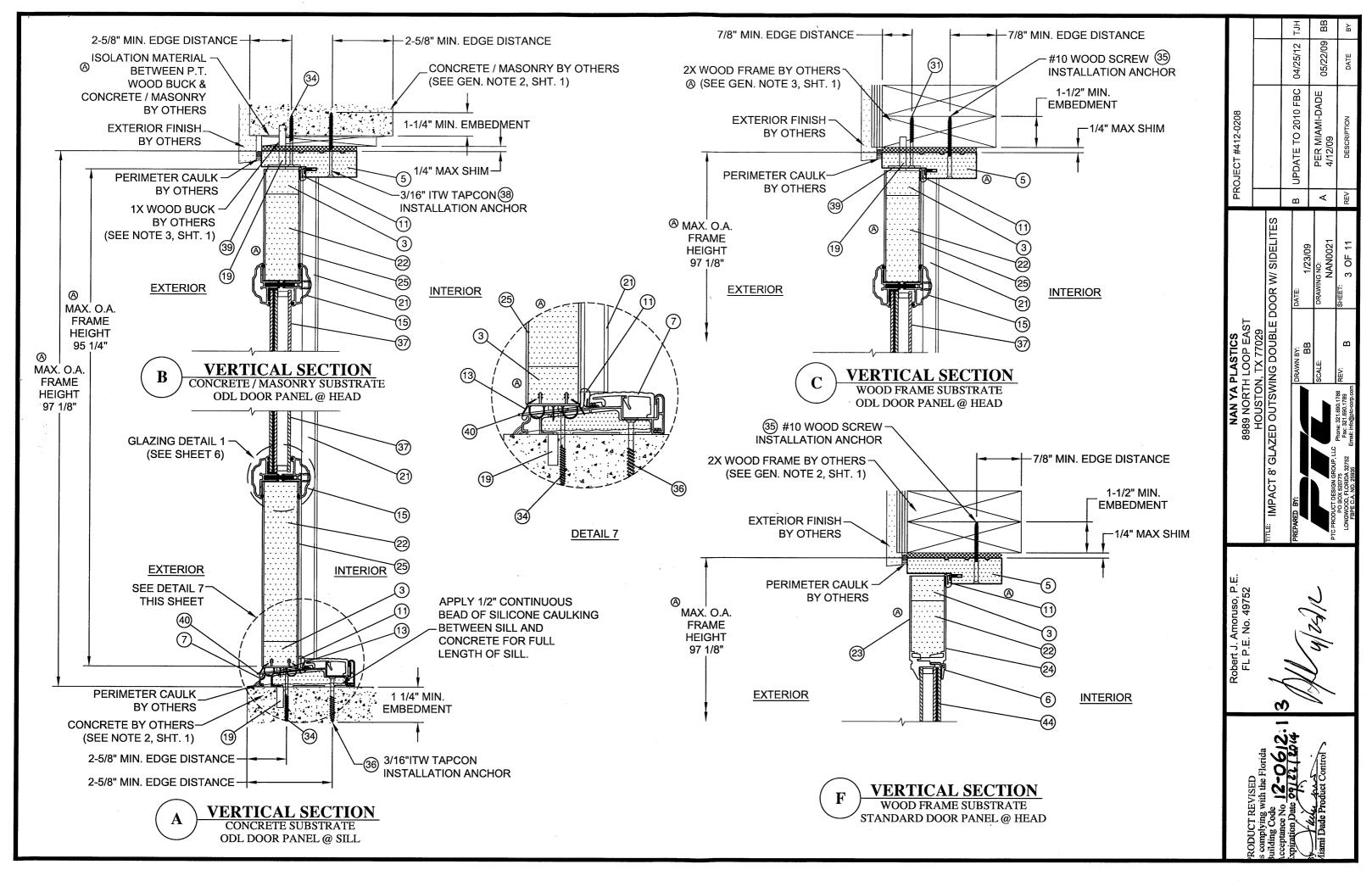
- (A) 8. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD PT SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55.
 - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND COMPLIES WITH ACI 301.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM

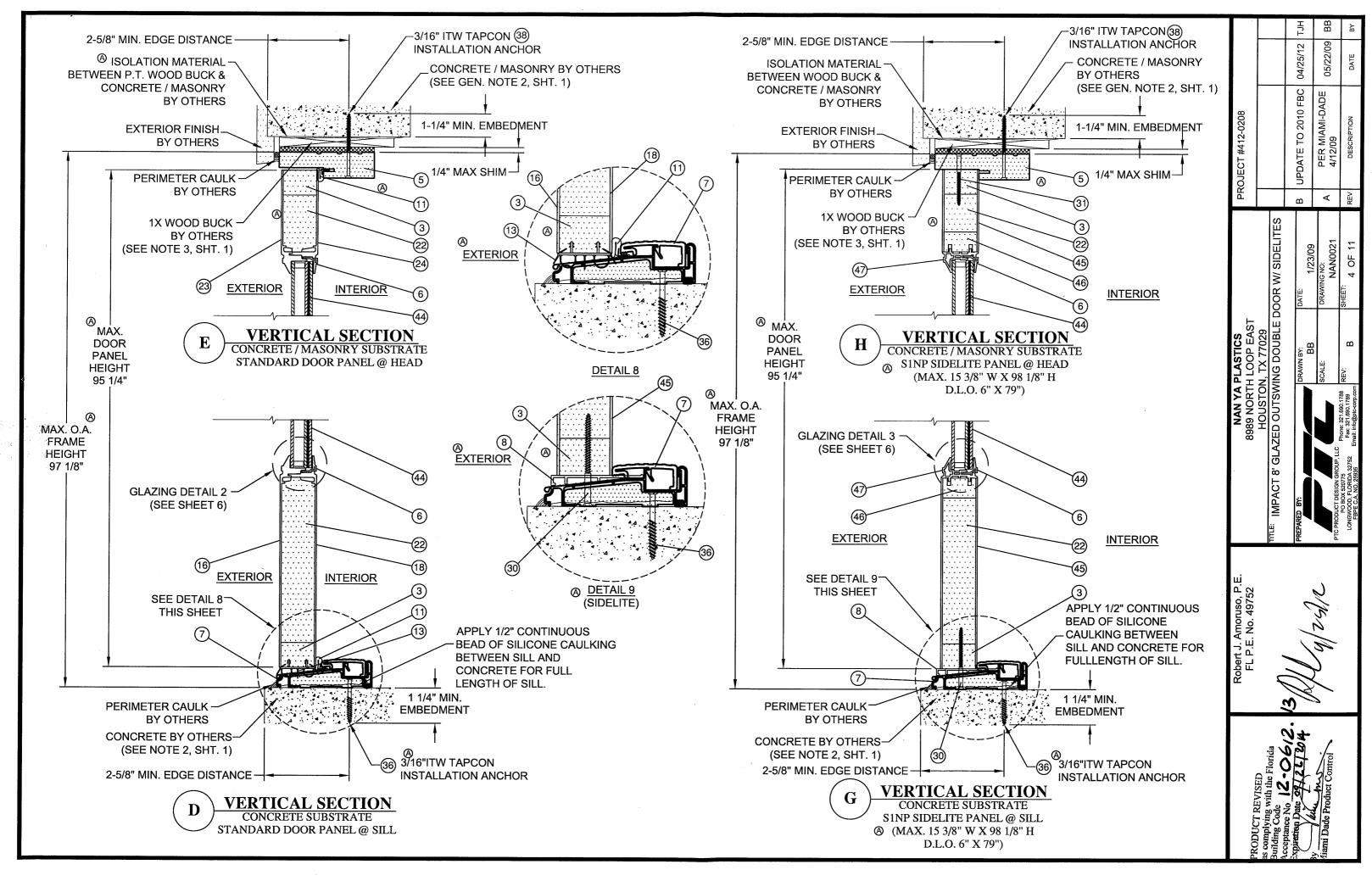
	TABLE OF CONTENTS
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	ELEVATION & ANCHOR LAYOUT
3	VERTICAL SECTIONS
4	VERTICAL SECTIONS
_ 5	VERTICAL SECTIONS
6	GLAZING DETAILS & MULLION PLATE DETAILS
7	HORIZONTAL SECTIONS
- 8	HORIZONTAL SECTIONS
9	CORNER DETAILS
10	COMPONENTS
11	BILL OF MATERIALS

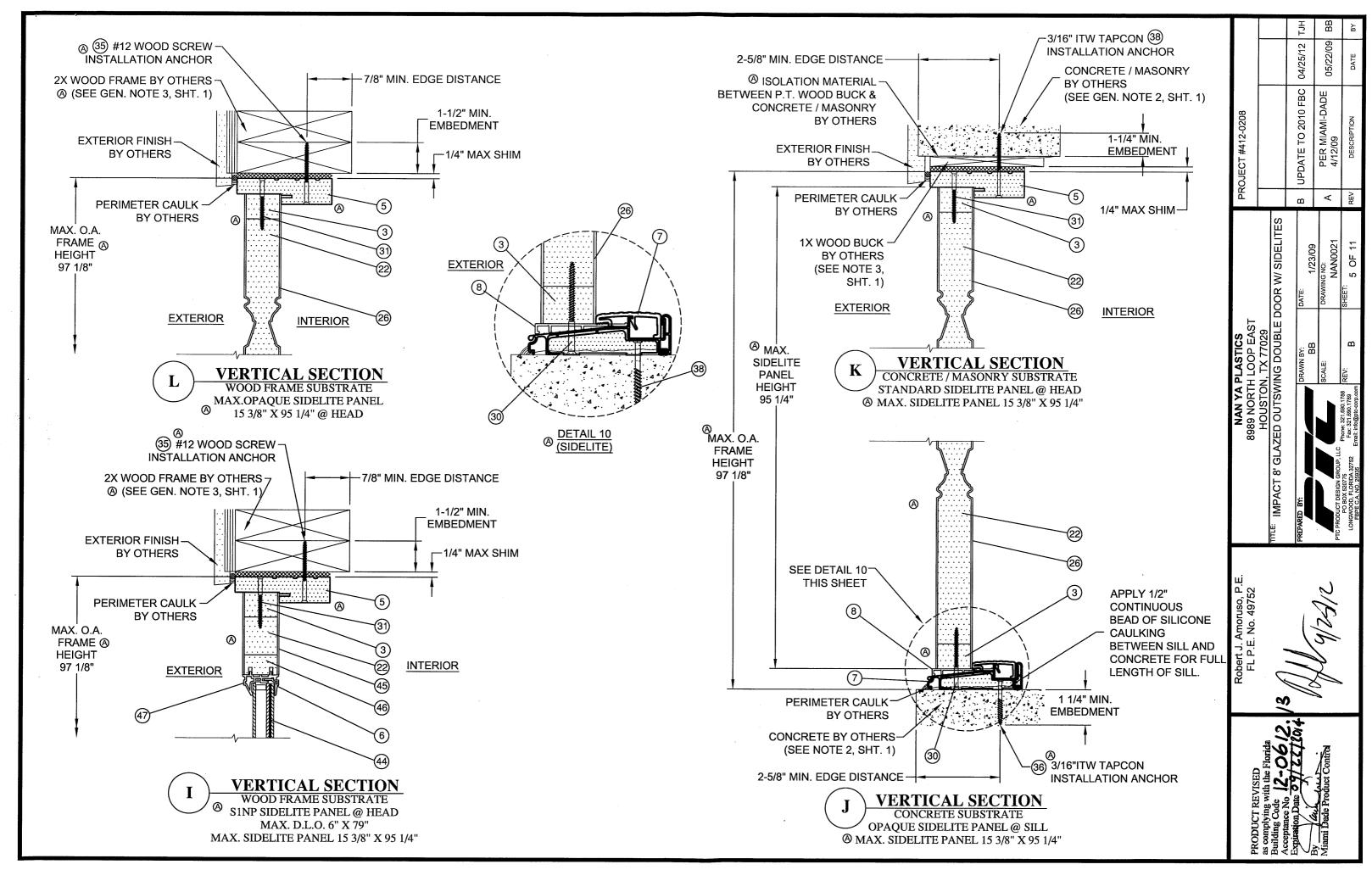
DESIGN PRESSU	RE RATING (PSF)	IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSILE
±50.0	±50.0	IMPACT

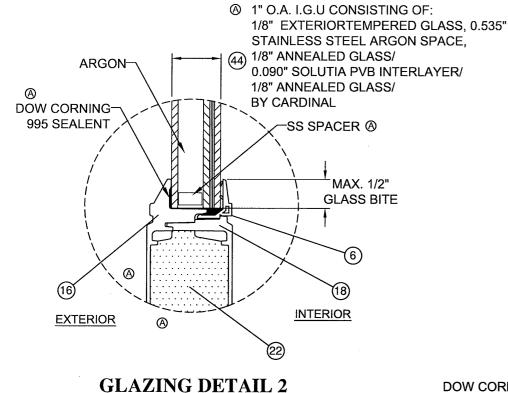












(A) 1" O.A. I.G.U CONSISTING OF:

1/8" INTERIOR TEMPERED GLASS, 0.535" AIR SPACE, 1/8" ANNEALED GLASS/

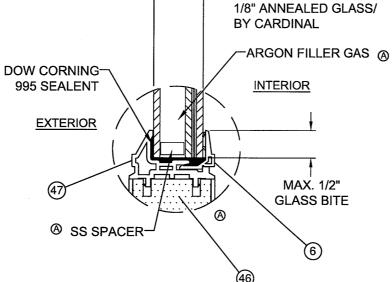
37 0.090" SOLUTIA SAFLEX
PVB INTERLAYER/

BY ODL

1/8" ANNEALED GLASS/

INTERIOR

MAX. 1/2" GLASS BITE



GLAZING DETAIL3

(MAX. D.L.O. 6" X 79") MAX. SIDELITE PANEL 15 3/8" X 95 1/4"

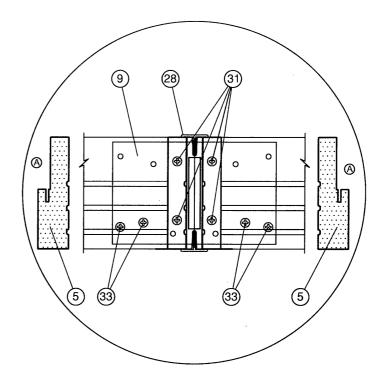
APPLICABLE TO SIDELITE ONLY

1" O.A. I.G.U CONSISTING OF: 1/8" EXTERIOR TEMPERED GLASS,

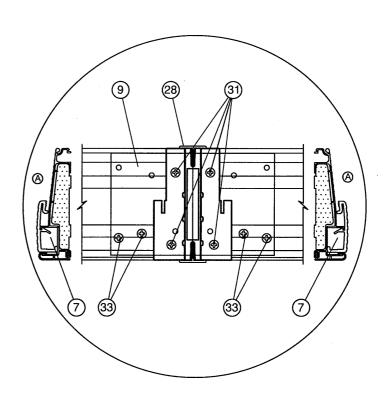
0.090" SOLUTIA PVB INTERLAYER/

1/1" ANNEALED GLASS/

0.535" STAINLESS STEEL ARGON SPACE,



GLAZING DETAIL 5



GLAZING DETAIL 1
ODL LITE KIT (PER CURRENT NOA)

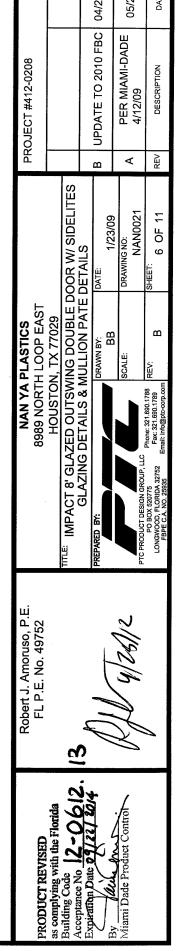
DOW CORNING-

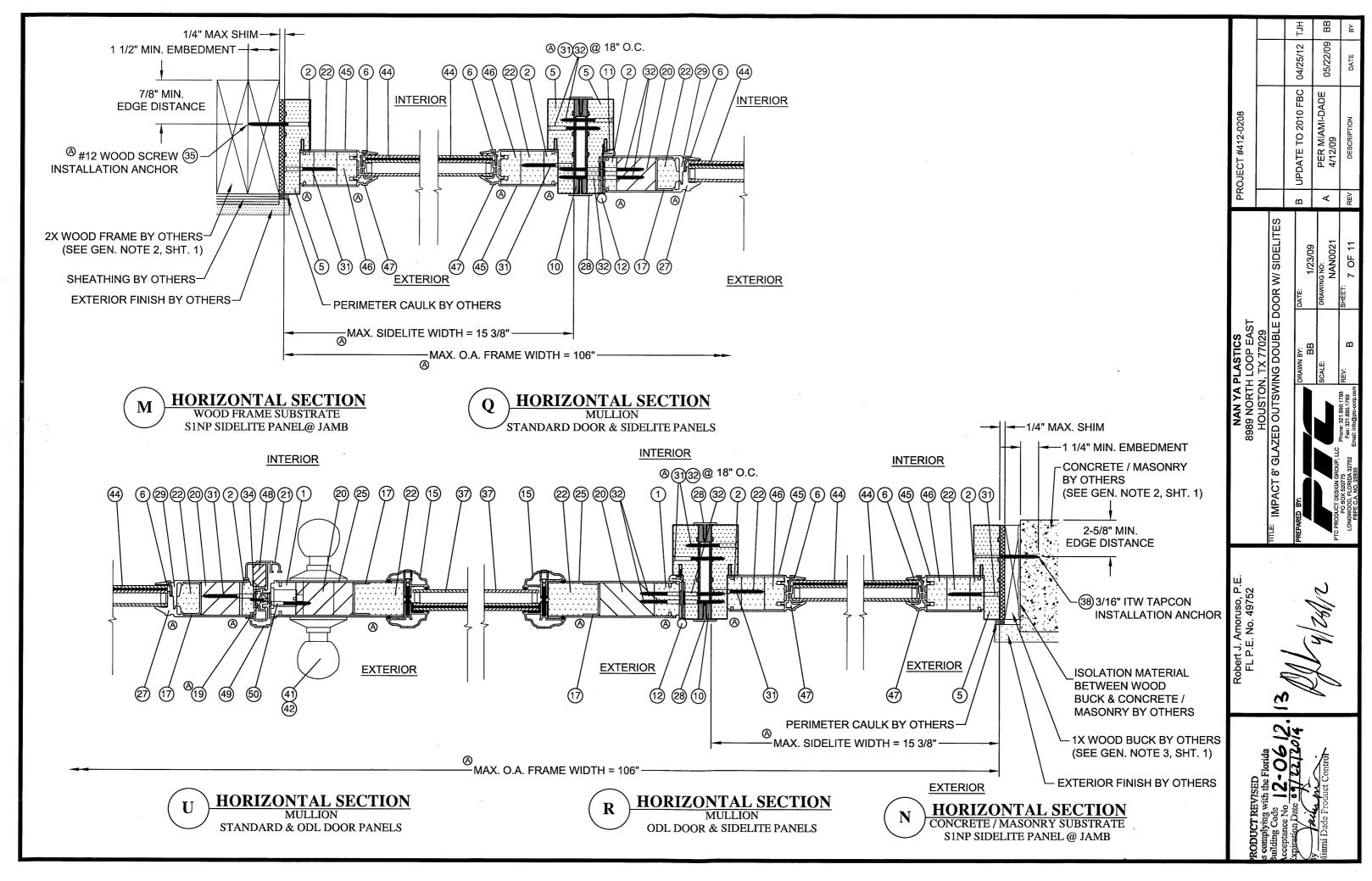
995 SEALENT

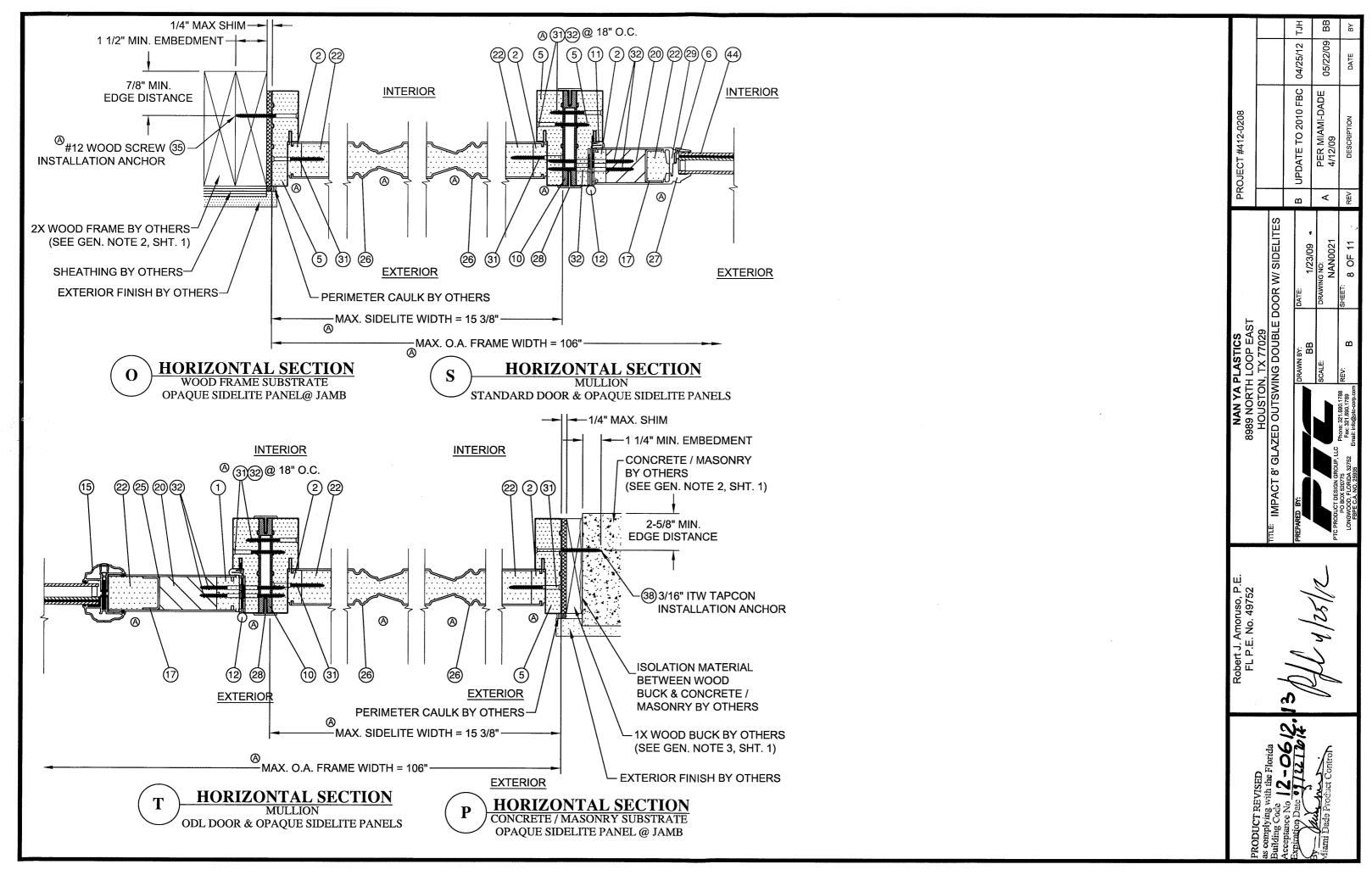
REDISEAL-COMPOUND

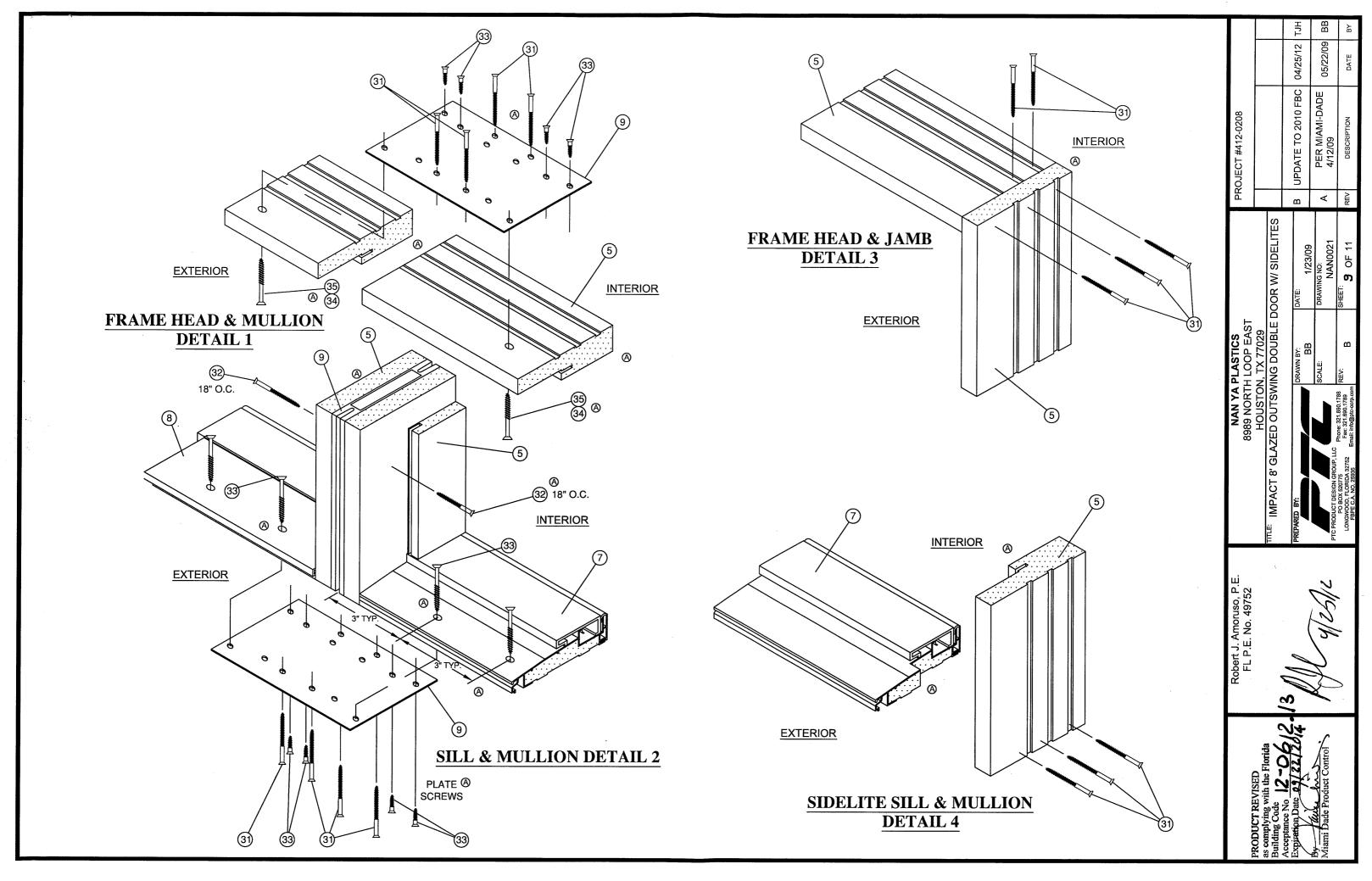
EXTERIOR

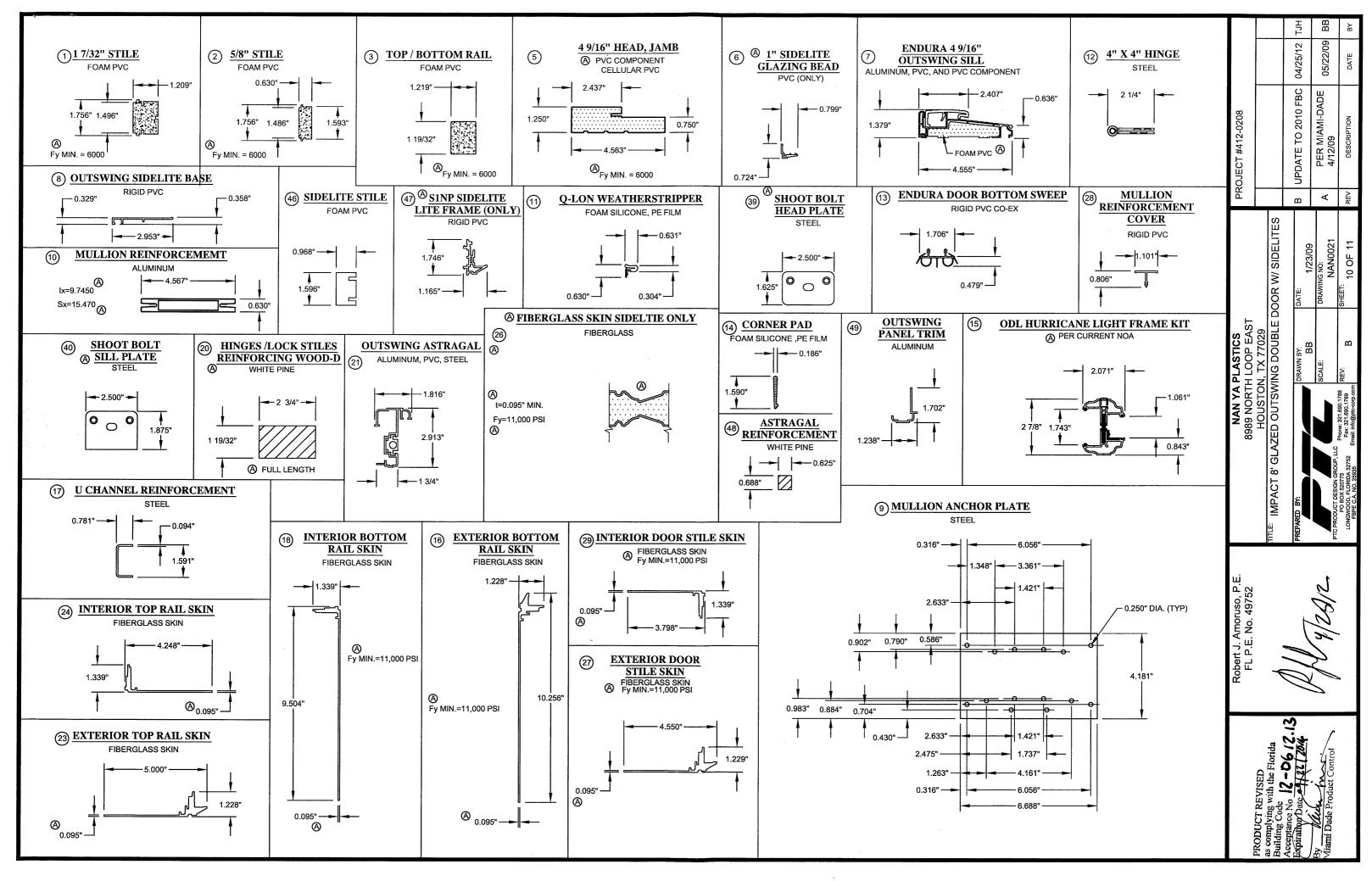












		BILL OF MATERIALS			
ITEM#	PART#		MATERIAL		MANUFACTURER
1		1 7/32" STILE	FOAM PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
2		5/8" STILE	FOAM PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
3		1 7/32" TOP / BOTTOM RAIL	FOAM PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
5		4 9/16" FRAME HEAD / JAMB	CELLULER PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
6		1" GLAZING BEAD (SIDELITE ONLY) @	RIGID PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
7		ENDURA 4 9/16" OUTSWING SILL	ALUMINUM (6063-T6), PV	C & PVC COMPONENT	ENDURA
8		OUTSWING SIDELITE BASE	RIGID PVC	Fy MIN. = 6,000 PSI (A)	ENDURA
9		MULLION CONNECTION PLATE	STEEL (SPCC S450)		NAN YA
10		MULLION REINFORCEMENT	ALUMINUM (6036-T6)		NAN YA
11		WEATHERSTRIPPER Q-LON	FOAM SILICONE, PE FILM		SCHLEGEL
12		4" X 4" BUTT HINGE	STEEL		MIKOTA ®
13		ENDURA DOOR BOTTOM SWEEP	RIGID PVC CO-EX		ENDURA
14		CORNER PAD (NOT SHOWN)	FOAM SILICONE, PE FILM	1	
15		ODL HURRICANE LIGHT FRAME SYSTEM (PER CURRENT NOA) 🔞	SEE COMPONENTS ODL		ODL
16		SMC 14P SKIN FIBERGLASS ®	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	NAN YA
17		3/32" REINFORCING U CHANNEL	STEEL (JIS Z3302 SZHC)	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
18		SMC 14P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	NAN YA
19		SHOOT BOLT	STEEL	,	ENDURA @
20		2 3/4" REINFORCEMENT WOOD	WHITE PINE		
21		OUTSWING ASTRAGAL	ALUMINUM (6063-T6), STE	EEL. PVC	ENDURA @
22		FOAM PHENOLIC	PHENOLIC FOAM		NAN YA A
23		SMC 14P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	
24		SMC 14P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	
25		SMC 00P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	
26		SMC S65 SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	I
27		SMC 14P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	
28		MULLION REINFORCEMENT COVER	RIGID PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
29		SMC 14P SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI (A)	NAN YA
30		#10 X 3" PHILLIPS SQUARE DRIVE SCREWS	STEEL	17 111111. 11,000 1 01 0	
31		#10 X 2 1/2" PHILLIPS FLAT HEAD	STEEL		
32		#10 X 2" PHILLIPS FLAT HEAD	STEEL		
33		#10 X 7/8" PHILLIPS FLAT HEAD	STEEL		
34		3/16" X 2 1/2" ITW TAPCON	STEEL		ITW
35	A	#12 WOOD SCREW INSTALLATION ANCHOR	STEEL		
36		1/4" ITW TAPCON SCREW INSTALLATION ANCHOR	STEEL		ITW
37		1" O.A. I.G.U CONSISTING OF: 1/8" INTERIOR TEMPERED GLASS, 0.535" AIR SPACE, 1/8"	GLASS PER CURRENT NO	OA (A)	ODL
	(A)	ANNEALED GLASS/ 0.090" SOLUTIA SAFLEX PVB INTERLAYER/ 1/8" ANNEALED GLASS/ BY ODL		·· ···	
38		3/16" ITW TAPCON SCREW INSTALLATION ANCHOR	STEEL		ITW
39		HEAD PLATE	1010 C.R.S.		ENDURA
40		SILL PLATE	1010 C.R.S.	-	ENDURA
41		KWIKSET LATCHBOLT/ KNOB			KWIKSET
42		KWIKSET DEADBOLT			KWIKSET
43		KWIKSET STRIKE PLATE			KWIKCET
44		1" O.A. I.G.U CONSISTING OF: 1/8" EXTERIOR TEMPERED GLASS, 0.535" STAINLESS STEEL	GLASS	bel	DESTRUCTION SECTION
	0	ARGON SPACE, 1/8" ANNEALED GLASS/ 0.090" SOLUTIA PVB INTERLAYER/ 1/8" ANNEALED GLASS/ BY CARDINAL		COWI	BUILDING CODE SANCE DEPARTMENT
45		S1NP SKIN FIBERGLASS (A)	FIBERGLASS SKIN	Fy MIN. = 11,000 PSI	MANIYA YU II: # 1
46		1 19/32" SIDELIGHT STILE	FOAM PVC	Fy MIN. = 6,000 PSI (A)	NAN YA
47		S1NP LITE FRAME (SIDELITE ONLY) ⊚	RIGID PVC	Fy MIN. = 6,000 PSI (A)	MENORIVED
48		5/8" ASTRAGAL REINFORCEMENT	WHITE PINE	, -,	
49		OUTSWING PANEL TRIM	ALUMINUM (6063-T6)		BHI
50		#8 X 1 1/2" PFH WOOD SCREW	STEEL		

	Robert J. Amoruso, P.E.	NAN YA PLASTICS		PR	PROJECT #412-0208		
	FL P.E. No. 49752	8989 NORTH LOOP EAST					
		HOUSTON, TX 77029					
	•	TITLE IMPACT 8' GLAZED OUTSWING DOUBLE DOOR W/ SIDELITES	OR W/ SIDELITES				
0.0		BILL OF MATERIALS					
1.5		PREPARED BY: DA	DATE:	Ω	B UPDATE TO 2010 FBC 04/25/12 TJH	04/25/12	프
7		BB	1/23/09				
_/	11/0/15 (A)	SCALE: DF	DRAWING NO:	∢	PER MIAMI-DADE	05/22/09 BB	BB
/		OUP, LLC	NANOUZI		4/12/09		
		PO BOX 520775 Fronts: 321 1890,1789 LONGWADON FLORIDA 32725 Fax: 321 1890,1789 FBPE C.A. NO. 28935 Email: info@pto-corp.com	sнеет: 11 ОF 11	REV	DESCRIPTION	DATE	ВҰ

